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Darlaston Urban District Council



REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR 1956

J. K. HEAGNEY, M.B., B.Ch., D.P.H.,
Medical Officer of Health.

F. G. Ashcroft, M.S.I.A.,
Chief Sanitary Inspector.

Report of the Medical Officer of Health

For the year 1956.

*Public Health Department,
Town Hall,
Darlaston.*

TO THE CHAIRMAN AND MEMBERS OF THE
DARLASTON URBAN DISTRICT COUNCIL.

Mr. Chairman, Lady, and Gentlemen,

I have much pleasure in submitting the Annual Report of the Medical Officer of Health for the year 1956.

The health of the people of Darlaston as shown by the statistics has been satisfactory.

The estimated population for mid-1956 shows a rise of 70, *i.e.*, 22,140. The infant mortality rate at 25.5 compares with the figure for England and Wales of 23.8, and there were no maternal deaths during the year. The total number of deaths was 231 a reduction of 17 on the previous year. There were 87 notified cases of infectious disease, a considerable reduction on the previous year. There were no Diphtheria cases, and only a small number of Whooping Cough cases. It is very important that every child should be immunised against these diseases. There were no cases of Poliomyelitis during the year. A small number of children were given the Poliomyelitis vaccine. Parents are advised to consent to this protection for their children as supplies become available.

There were no significant changes in the incidence of, or death rate from, tuberculosis.

The number of houses represented during the year was 71—of this total 43 were represented individually under Section 11 of the Housing Act, 1936, and 28 were those in Clearance Areas—being the introduction of our big slum clearance programme.

I am most grateful to the Chairman and members of the Public Health Committee for their help and encouragement on all matters.

The Staff of the Department has given excellent service, and my thanks are also due to the Chief Sanitary Inspector, his extensive knowledge of the handling of the district was of great value during my period of initiation with the Department.

I am,

Your obedient servant,

J. K. HEAGNEY,

Medical Officer of Health.

STAFF.

<i>Medical Officer of Health</i> ..	E. P. McWhirter, M.B., Ch.B., (Univ. Edin.) D.P.H. (Retired 31/1/1956). J. K. Heagney, M.B., B.Ch., D.P.H. (Appointed 1/8/1956).
<i>Chief Sanitary Inspector</i> ..	F. G. Ashcroft, M.S.I.A.
<i>Deputy Chief Sanitary</i> <i>Inspector</i>	T. H. Meredith, M.S.I.A.
<i>District Sanitary Inspector</i>	D. Knight, M.S.I.A. (Appointed 1st August, 1956).
<i>Pupil Sanitary Inspectors</i> ..	M. W. Bunch. W. E. Jevons.
<i>Clerk</i>	A. Homer. (Resigned 12th May, 1956). Mrs. F. Sharpe. (Appointed 2nd July, 1956). B. J. Tarbuck. (Appointed 9th July, 1956).
<i>Housing Visitor</i>	Mrs. D. McRae. (Resigned 28th August, 1956). Mrs. G. Thompson. (Appointed 9th October, 1956).

STATISTICS.

Area in acres	1,534
Registrar-General's estimate of the resident population in mid-1956	22,140
Comparability factor for deaths	1.46
Comparability factor for births	0.91
Number of inhabited houses according to rate books ..	6,164
Total rateable value	£216,621
Industrial Rateable Value	£41,339
Sum represented by a Penny Rate in 1956	£850 5s. 4d.

Live Births.

	<i>M.</i>	<i>F.</i>	<i>Total.</i>
Legitimate	140	165	305
Illegitimate	6	3	9
	146	168	314

Birth rate per 1,000 of the resident population	14.2
Birth rate adjusted for comparison with other places per 1,000 of the resident population	12.9
Birth rate for England and Wales per 1,000 of the resident population	15.7

Still Births.

	<i>M.</i>	<i>F.</i>	<i>Total.</i>
Legitimate	4	6	10
Illegitimate	—	1	1
	4	7	11

Still Birth rate per 1,000 of the resident population ..	0.5
Still Birth rate per 1,000 live and still births	33.8
Still Birth rate for England and Wales per 1,000 live and still births	23.0

Infantile Mortality.

Deaths of infants under one year of age :—

				<i>M.</i>	<i>F.</i>	<i>Total.</i>
Legitimate	..	..	..	4	4	8
Illegitimate	..	..	..	—	—	—
				—	—	—
				4	4	8
				—	—	—

Deaths of infants under four weeks of age.

				<i>M.</i>	<i>F.</i>	<i>Total.</i>
Legitimate	..	..	..	2	2	4
Illegitimate	..	..	..	—	—	—
				—	—	—
				2	2	4
				—	—	—

Death rate of infants under one year of age per 1,000						
Live births	..	..	..	..	..	25.5
Death rate for England and Wales of infants under one						
year of age per 1,000 related Live births	..	..				23.8
Neonatal death rate per 1,000 Live births				..	..	12.7
Neonatal death rate for England and Wales per 1,000						
related live births	..	..	..	..	..	16.9

Of the eight deaths under one year of age the causes of death were :—

Asphyxia.

Toxaemia and Broncho Pneumonia.

2 Prematurity.

Respiratory failure due to anaesthetic.

Uraemia, Congenital bilateral Hydronephrosis and hydro ureter.

Prematurity and Atelectasis.

Asphyxia due to haemorrhage in Thymus.

Maternal Mortality.

Deaths from Puerperal Sepsis	..	..	..	..	Nil
Deaths from other causes associated with childbirth	..				Nil
Maternal Death Rate for England and Wales per 1,000					
live and still births	..	..	..	..	0.56

Deaths.

Number of deaths from all causes	231
Death rate per 1,000 resident population	10.4
Death rate adjusted for comparison with other places ..	15.2
Death rate for England and Wales per 1,000 resident population	11.7

CAUSES OF DEATH ACCORDING TO REGISTRAR GENERAL'S RETURN.

Disease.	Male.	Female.	Total.
Tuberculosis Respiratory	3	2	5
Tuberculosis Other Organs	—	—	—
Syphilitic Disease	—	—	—
Diphtheria	—	—	—
Whooping Cough	—	—	—
Meningococcal Infections	—	—	—
Acute Poliomyelitis	—	—	—
Measles	—	—	—
Other Infective and Parasitic Disease ..	—	—	—
Malignant Neoplasm Stomach	2	3	5
Malignant Neoplasm Lung, Bronchus ..	13	1	14
Malignant Neoplasm Breast	—	8	8
Malignant Neoplasm Uterus	—	2	2
Other Malignant and Lymphatic Neoplasm	12	10	22
Leukaemia and Aleukaemia	—	—	—
Diabetes	—	—	—
Vascular Lesions of nervous system ..	4	13	17
Coronary disease, Angina	16	5	21
Hypertension with heart disease	3	6	9
Other heart disease	16	17	33
Other circulatory disease	4	3	7
Influenza	3	2	5
Pneumonia	4	2	6
Bronchitis	15	5	20
Other diseases of the respiratory system	1	1	2
Ulcer of Stomach and Duodenum	—	1	1
Gastritis, enteritis and diarrhoea	1	—	1
Nephritis and Neophrosis	—	—	—
Hyperplasia of prostate	—	—	—
Pregnancy, childbirth, abortion	—	—	—
Congenital Malformations	1	1	2
Other defined and ill defined diseases ..	19	17	36
Motor Vehicle Accidents	1	1	2
All other accidents	3	3	6
Suicide	4	3	7
Homicide and operations of war	—	—	—
Total all causes	125	106	231

AGE DISTRIBUTION OF DEATHS FROM CANCER, 1956.

	AGE.												
	20—25	26—30	31—35	36—40	41—45	46—50	51—55	56—60	61—65	66—70	71—75	76 up	
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	
Cancer of Stomach ..					1		1	1	1				
Cancer of Lungs and Bronchus ..						2	3		2	5		1 1	
Cancer of Breast ..							1	2	1	2	1		
Cancer of Uterus ..								2					
Cancer of Other Sites ..				1		1	2	2	3	2	3	1 2	

NOTIFIABLE DISEASES.

Disease.	No. of cases suspected.	Confirmed.	Removed to Hospital.
Scarlet Fever	4	3	1
Whooping Cough	15	15	1
Anterior Poliomyelitis	—	—	—
Measles	3	3	—
Diphtheria	—	—	—
Pneumonia	14	14	2
Erysipelas	—	—	—
Puerperal Pyrexia	—	—	—
Ophthalmia Neonatorum	—	—	—
Dysentery	3	3	2
Cerebro-spinal Fever	—	—	—
Paratyphoid Fever	—	—	—
Encephalitis	—	—	—

AGE DISTRIBUTION OF COMMON INFECTIOUS DISEASES.

	Dysentery.		Scarlet Fever.		Whooping Cough.		Measles.		Pneumonia.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Under 1	—	—	—	—	2	—	—	—	—	—
1—2 ..	—	—	—	—	4	2	—	—	—	2
3—4 ..	—	—	—	—	4	—	1	2	—	—
5—9 ..	—	—	—	—	—	3	—	—	1	1
10—14 ..	—	—	—	3	—	—	—	—	—	—
15—24 ..	—	—	—	—	—	—	—	—	2	—
25 and over	1	2	—	—	—	—	—	—	7	1
Age unknown	—	—	—	—	—	—	—	—	—	—
Total	1	2	—	3	10	5	1	2	10	4

TUBERCULOSIS.
AGE DISTRIBUTION OF NOTIFICATIONS RECEIVED AND DEATHS OCCURRING DURING 1956.

Age.	Pulmonary.		Non-Pulmonary.		Notified by Death		Deaths.			
							Pulmonary.		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
0— 4 years ..	—	2	—	—	—	—	—	—	—	—
5— 9 years ..	—	—	—	—	—	—	—	—	—	—
10—14 years ..	—	—	—	—	—	—	—	—	—	—
15—19 years ..	1	2	—	—	—	—	—	—	—	—
20—24 years ..	—	—	—	—	—	—	—	—	—	—
25—29 years ..	4	1	—	—	—	—	—	—	—	—
30—34 years ..	1	1	—	—	—	—	—	—	—	—
35—39 years ..	—	—	—	—	—	—	—	—	—	—
40—44 years ..	—	1	—	—	—	—	—	—	—	—
45—49 years ..	2	—	—	—	—	—	—	—	—	—
50—54 years ..	2	1	—	—	—	—	1	—	—	—
55—59 years ..	2	—	—	—	—	—	1	1	—	—
60—64 years ..	—	—	—	—	—	—	—	2	—	—
65 years ..	1	—	—	—	—	—	—	—	—	—
Total—all ages ..	13	8	—	—	—	—	2	3	—	—

NUMBER OF CASES OF INFECTIOUS DISEASE NOTIFIED SINCE 1945.

Year.	Diphtheria.	Scarlet Fever.	Measles.	Whooping Cough	Pneumonia.	Pulmonary Tuberculosis.	Non-Pulmonary Tuberculosis.
1945 ..	21	34	127	52	18	25	3
1946 ..	17	21	7	18	12	27	2
1947 ..	17	55	311	51	16	28	3
1948 ..	6	53	169	29	10	30	2
1949 ..	2	39	133	25	10	19	—
1950 ..	—	14	78	44	13	16	2
1951 ..	2	15	174	74	9	26	3
1952 ..	—	33	145	41	16	22	3
1953 ..	1	28	342	89	27	29	1
1954 ..	—	23	9	138	16	21	3
1955 ..	—	13	355	30	10	17	—
1956 ..	—	4	3	15	14	21	—

Leprosy.

One case of Leprosy was confirmed in an immigrant from Bombay during the Autumn. The diagnosis was made early and the man admitted to hospital.

Diphtheria.

There were no cases of Diphtheria during the year.

Poliomyelitis.

There were no cases of Poliomyelitis during the year.

Scarlet Fever.

Of the four cases of Scarlet Fever notified, one was admitted to hospital, and later diagnosed as Tonsillitis.

Tuberculosis.

Deaths from Pulmonary Tuberculosis.					Non-Pulmonary Tuberculosis.
Year.	Under 24.	Ages 25 to 54. 55 and over.		Total.	
1945	11	6	2	19	2
1946	9	4	2	15	1
1947	6	2	4	12	3
1948	10	6	7	23	2
1949	5	7	4	16	—
1950	—	4	4	8	—
1951	1	5	1	7	4
1952	2	1	—	3	1
1953	—	5	1	6	—
1954	1	2	5	8	3
1955	1	1	2	4	—
1956	—	1	4	5	—

GENERAL PROVISIONS OF THE HEALTH SERVICES FOR THE YEAR.

Public Health Laboratory Service.

The Public Health Laboratory, Martin Street, Stafford, deals with any bacteriological or bio-chemical investigation of disease found to be necessary.

Infectious Disease Hospitals.

Admission to these is arranged through the Public Health Department, or in emergency, on application by the General Practitioner direct to the Hospital.

Venereal Disease.

Treatment can be obtained either at the Manor Hospital Walsall, or the Royal Hospital, Wolverhampton.

General Hospitals.

Admission is arranged by the General Practitioner direct with the Hospital.

Maternity Hospitals.

The patient's doctor arranges admission as necessary, on medical grounds. If admission on any other grounds is thought desirable application should be made to the Jane Mills Institute, Rectory Avenue, Darlaston.

Care of Mothers and Young Children.

Infant Welfare Clinics.

These are held at the Jane Mills Institute, Rectory Avenue, Darlaston, on Monday and Thursday afternoons each week, and also at the Welfare Hall, Wolverhampton Road West, Bentley, on Friday afternoons.

Ante-Natal Clinics.

A weekly session is held at the Jane Mills Institute, Rectory Avenue, Darlaston, on Wednesday mornings.

Health Visitors.

Mrs. McMillan, and Mrs. Greatham are the Health Visitors working in this district. They can usually be contacted at the Jane Mills Institute during the day, and they also attend the above clinics.

Domestic Help.

The service for this district is administered by the Area Medical Officer, 20, Hydes Road, Wednesbury—Telephone No. Wednesbury 0961/2. The service is provided where necessary in cases of sickness, childbirth, infirmity, or other household emergencies.

District Nurses

There are three district nurses practising in the district. When their services are required the family doctor will normally make the arrangement.

Midwifery.

There are three domiciliary mid-wives employed by the Staffordshire County Council practising in this district. Below is a list of their names and addresses :—

Mrs. E. Sullivan, 13, Slater Street, Darlaston. Telephone No. : James Bridge 2324.

Mrs. E. M. Harris, 38, Victory Avenue, Darlaston. Telephone No. : James Bridge 2603.

Mrs. V. M. Carroll, "Glenroy," Walsall Road, County Bridge, Willenhall. Telephone No. : Willenhall 110.

Vaccination and Immunisation.

- (a) **Vaccination against Smallpox** is usually carried out by the General Practitioner.
- (b) **Immunisation against Diphtheria and Whooping Cough** is performed at the Infant Welfare Clinics each week, mostly on children between the ages of 3 and 12 months.
- (c) **Vaccination against Poliomyelitis.** Special sessions are arranged as the vaccine becomes available for children in the selected age groups.

Sewage Disposal.

The report of the Engineer and Surveyor on the sewage outfall works is similar to that of last year.

WATER SUPPLY.

Part of Darlaston is supplied by the South Staffordshire Waterworks Company, and part by the Wolverhampton Water Undertaking. Periodically samples are examined. Throughout the year the supply was adequate and in general of satisfactory quality.

A typical sample showed the following analysis.

Results of Examination of Sample of Water taken on 5th June, 1956.

Bacteriological Examination.

BACTERIA. Colonies per ml.		COLIFORM BACTERIA.	
Nutrient Agar at 20°C. 3 days	3	Presumptive Test	Absent
Nutrient Agar at 37°C. 1 day	0	Differential Test	Absent
Nutrient Agar at 37°C. 2 days	0		

Physical Characters.

Colour (Burgess)	5mm	Taste very slightly vegetable.
Turbidity	Suspended Matter	Odour very faint (c-lv)
pH	7.4	

Chemical Analysis (Expressed in parts per Million).

Free CO ₂		Silica (SiO ₂)	
Alkalinity (CaCO ₃)	121	Calcium (Ca)	54.5
Chlorides (Cl)	61.1	Magnesium (Mg)	6.5
Ammoniacal Nitrogen	Trace	Sodium (Na)	
Albuminoid Nitrogen	.042	Carbonate (CO ₃)	
Oxidised Nitrogen	2.8	Sulphate (SO ₄)	
Oxygen Absorbed (3 hrs. at 27°C)	.44	Iron (Fe)	.08
Temporary Hardness	115	Manganese (Mn)	.01
Permanent Hardness	49	Zinc (Zn)	Nil
Total Hardness	164	Poisonous Metals Cu	Nil
Total Solids (dried at 180°C)	324	Pb	.01
Hardness calculated from calcium and magnesium—163.		Free Cl	Nil

A pure and wholesome supply.

Annual Report of the Chief Sanitary Inspector

For the year 1956.

Mr. Chairman, Lady, and Gentlemen,

I have pleasure in submitting my report of the work carried out in the Department during the year ending 31st December, 1956.

On the whole, this has been an encouraging year with promise of increased activity in several aspects of our work in the following years. After a long and difficult period of staff shortages, the establishment was brought up to strength in August. With the solution of that problem, action against unfit dwellings was greatly increased and there is every indication that the rate of increase in this activity will be maintained during next year.

Atmospheric pollution has also received an appropriate degree of attention and though it is too early as yet to make confident predictions, it is hoped that now that the Clean Air Act has received Royal Assent, more progress can be achieved in reducing pollution of the air.

Our efforts have been continued this year in the sphere of food hygiene and though the Food Hygiene Regulations might not be all that is desired, at least they are proving of use. It is gratifying to observe the progress which has been achieved.

It would, of course, be quite impossible to record all the good that has resulted from the work undertaken during the year. Space only permits the bare facts to be presented of the major items but I do commend the information which follows, to careful study and comparison with previous years to enable a more complete interpretation to be obtained.

As always, the achievements set out in the following pages are the result of splendid team work not only within the Department itself, but including the Members of the Council who serve on the Health Committee and in particular the Chairman of that Committee.

For the support of the Medical Officer of Health and for the efforts of all the members of the staff my sincere thanks are offered, and I am no less appreciative of the co-operation of officers of other Departments in matters of mutual interest and concern.

Yours obediently,

F. G. ASHCROFT,

Chief Sanitary Inspector.

HOUSING.

The following houses were erected by the Council during the year :—

Street.	One Bedroom	Two Bedrooms	Three Bedrooms	Four Bedrooms
Attlee Road	—	41	40	—
Beacon View, Wolverhampton Road West	—	18	10	—
Bevin Road	—	—	4	—
Churchill Road	8	9	15	—
Cripps Road	—	3	1	—
Cunningham Road	4	10	1	—
Edinburgh Avenue	—	8	—	—
Margaret Road	8	4	—	—
Monmouth Road	—	17	1	—
Montgomery Road	8	—	—	—
Park Street	4	24	—	—
Total each type	32	134	72	—
Total of all types	238			

The following houses were built by Private Enterprise :—

Bush Street	1
Churchill Road (Licensed premises with living accommodation)	1
The Parsonage, The Cairn, Bentley	1
Forge Road	1
Monmouth Road	3
Wilkes Avenue	1
Willenhall Street	1
Total	9

Total of new houses erected in 1956 :—

Council	238
Private	9
	247

HOUSING ACT, 1936.**(1) Action in respect of individual Unfit Houses.****Council Owned Houses Certified as Unfit.**

Church Street : 39, 40, 41, 42, 43, 44, 45	..	..	7
High Street (Darlaston) : 11, 12	..	..	2
			9

Informal Action.

Church Street : 48	..	..	..	..	..	1
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Houses in respect of which Demolition Orders were made.

Alma Street : 25, 26	..	..	..	..	2
Beard Street : 4, 5, 6, 7	..	..	..	..	4
Bell Street : 23, 24, 25, 26, 27, 28	..	..	..	..	6
Bentley Road : 15	..	..	..	..	1
Bush Street : 52, 53	..	..	..	..	2
Church Street : 56	..	..	..	..	1
Cramphill : 25, 26	..	..	..	..	2
Dangerfield Lane : 20, 21, 3, 3a	..	..	..	..	4
Foster Street : 8, 34	..	..	..	..	2
High Street, Moxley : 4, rear 4, 6, rear 6	..	..	..	..	4
The Green : 110, 111, 112	..	..	..	..	3
Willenhall Street : 5	..	..	..	..	1
					32

Undertaking not to use for Human Habitation.

Church Street : Back 67a	..	..	..	..	1
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(2) **Clearance Area action.**

- (a) The following Clearance Areas were declared by the Council :—

No. 17—Catherines Cross.

40, 41, 42, 43, 44 5

No. 18—Catherines Cross.

22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 34, 35, 36,

37, 38, Baggots Cottages Nos. 1 and 2 18

No. 19—Wolverhampton Street.

87, 89, 91, 93, 95 5

28

- (b) In addition the following were recommended by
- ~~the~~
- Health Committee to the Council for consideration at the Meeting to be held in January, 1957 :—

No. 20—Heath Road/Richards Street.

Heath Road : 79, 80, 81, 82, 83, 84, 85, 86, 87, 88.

Richards Street : 1, 2, 3, 4, 5 15

No. 21—Bilston Street.

7, 9, 10, 11, 12, 13, 14 7

22

Houses which became void.

Alma Street : 25, 26	..	..	..	..	..	2
Beard Street : 4, 5, 6, 7	..	..	..	..	..	4
Bell Street : 23, 24, 25, 26, 27, 28	..	..	..	..	..	6
Bentley Road : 15..	..	..	..	..	..	1
Bilston Street : 34..	..	..	..	..	..	1
Bush Street : 52, 53	..	..	..	..	..	2
Catherines Cross : 64, 65, 78	..	..	..	..	..	3
Church Street : 39, 40, 41, 42, 43, 44, 45, 48, Back 67a						9
Cramphill : 25, 26	..	..	..	..	..	2
Dangerfield Lane : 3, 3a, 19, 20, 21	..	..	..	..	..	5
Factory Street : 26	..	..	..	..	..	1
Foster Street : 8, 34	..	..	..	..	..	2
Heathfield Lane : 18	..	..	..	..	..	1
High Street, Darlaston : 11, 12	..	..	..	..	..	2
High Street, Moxley : 6, Rear 38, 40	..	..	..	..	..	3
Station Street : 1, 7, 9, 10, 11, 58, 59, 60	..	..	..	..	..	8
The Green : 110, 111, 112	..	..	..	..	..	3
Willenhall Street : 5	..	..	..	..	..	1
Wolverhampton Street : 103	..	..	..	..	..	1
						57

Houses physically demolished 1956.

Bentley Road : 15..	..	..	..	..	..	1
Bilston Street : 32, 33, 34	..	..	..	..	..	3
Catherines Cross : 63, 64, 65	..	..	..	..	..	3
Church Street : 20, 56	..	..	..	..	..	2
Factory Street : 22, 23, 24, 25, 26, 27	..	..	..	..	..	6
Foundry Street : 39, 40	..	..	..	..	..	2
Heathfield Lane : 16, 17, 18, 19	..	..	..	..	..	4
High Street, Darlaston : 9, 10	..	..	..	..	..	2
Park Street : 1	..	..	..	..	..	1
Station Street : 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	..	..	..	..	..	12
The Green : 110, 111, 112, Rear 13	..	..	..	..	..	4
						40

Rehousing Progress.

The Housing Supervisor has supplied the following information:

New Houses let.	No. Sub-Tenants rehoused.	No. of Tenants rehoused.	Old Age Pensioners rehoused.	Demolition Property Vacated.
243	192	21	27	56

From the above figures it will be deduced that despite a heavy building programme of 238 houses erected by the Council, it was only possible to rehouse from 56 houses due for demolition, *i.e.* an allocation of some 23½%.

Complications are to be expected in carrying out rehousing, but it is self evident that means must be found if the declared programme of demolition is to be carried out within the agreed time.

Housing Act, 1936—Part III.

The housing position as regards action under Part III of the Housing Act, 1936, is as follows :—

ACCUMULATED TOTALS.

	Number of Dwelling Houses Demolished.		No. of persons displaced up to 31/12/56.	No. of Dwelling Houses made Fit.
	Unfit Houses.	Other Houses.		
PART A.				
Clearance Areas.				
(i) Land coloured " pink " ..	275	—	1,019	—
(ii) Land coloured " grey " ..	—	—	—	—
PART B.				
Improvement Areas	—	—	—	—

FOR YEAR 1956.**Part C.**

Unfit houses not included in clearance areas or improvement areas.

Note :—The references below relate to Part 2 sections of the Act of 1936.

(1)	Number of dwelling houses demolished as a result of procedure under Section 11	24
(2)	Number of dwelling houses demolished as a result of Informal Action	4
(3)	Number of Dwelling Houses closed but not demolished as a result of undertakings (which have not been cancelled) by owners under Section 11 not to use the house for human habitation	1
(4)	Parts of buildings closed (Section 12)	—
(5)	Number of persons displaced as a result of action	
	under (1) above	29
	under (2) above	—
	under (3) above	3
	under (4) above	—

HOUSING STATISTICS.

1. Inspection of Dwelling Houses during the year.

(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	251
(b) Number of inspections made for the purpose	256
(2) Number of dwellings found to be in a state so dangerous or injurious to health as to be unfit for human habitation	93
(3) Number of dwelling houses (exclusive of those referred to in the preceding sub-head) found not to be in all respects fit for human habitation ..	158

2. Remedy of defects during the year without service of formal Notices.

Number of defective dwelling houses, rendered fit in consequence of informal action by the Local Authority or their Officers	102
--	-----

3. Action under Statutory Powers during the year.

(A) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.

(i) Number of dwelling houses in respect of which notices were served requiring repairs	9
(ii) Number of dwelling houses which were rendered fit after service of formal notices:	
(a) By owners	—
(b) By Local Authority in default of owners	—

(B) Proceedings under Public Health Acts :

(i) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	70
(ii) Number of dwelling houses in which defects were remedied after service of formal notices :	
(a) By owners	52
(b) By Local Authority in default of owners	—

Housing Visitor (Council-owned property).

During the year the Housing Visitor resigned, and her successor took up her duties approximately two months later. During this “gap” only verminous premises were visited. The survey of Council houses, however, was recommenced and carried on in conjunction with revisits to those houses which require supervision. In all cases the endeavour is to bring houses up to a satisfactory standard by persuasion and instruction, and except in odd cases of incorrigibles, this treatment is successful. Cases of vermin in Council houses are promptly treated, and, again except in the cases of the incorrigibles, these treatments are generally successful. To further minimise risk of infestation all Slum Clearance property is inspected for vermin, and where necessary treatment is carried out prior to re-housing.

Total number of visits made to Council Houses	..	..	2,141
Number of visits to sub-standard Council Houses	..	..	174

HOUSING ACT, 1949.**Improvement Grants.**

Grants totalling £1,432 8s. 9d. were approved by the Council in respect of the following eight houses :—

Alma Street, 8b	..	..	..	..	..	1
Forge Road, 18	..	..	..	..	..	1
Gladstone Street, 31, 33	..	..	..	..	..	2
Whitton Street, 17	..	..	..	..	..	1
Wolverhampton Street, 13, 15, 19				..	..	3
						—
						8
						—

Work was completed at the following houses :—

Alma Street, 8b	..	..	..	..	..	1
Castle Street, 21	..	..	..	..	..	1
Charles Foster Street, 5	..	..	..	..	..	1
Waverley Road, 28	..	..	..	..	..	1
Whitton Street, 17	..	..	..	..	..	1
						—
						5
						—

These figures are appreciably lower than those of 1955, due possibly to the increased costs of the improvements and of course carrying out the repairs necessary to qualify for a grant.

In 1955 the average Improvement Grant per house was £128 compared with £179 per house in 1956, *i.e.* an increase of almost 40% on the 1955 average figure.

Applications are investigated in the Health Department to ascertain that the house will conform to the required standard, that necessary repairs will be carried out and that the house will have the prescribed length of life.

PUBLIC BATHS.

The building is of modern construction and by virtue of its design and construction, compares favourably with any in the Midlands. Full provision is made for heating, filtering and sterilising the 133,000 gallons of water contained in the swimming pool. Slipper and shower baths are available. Periodic samples of the swimming pool water are taken and submitted for both chemical analysis and bacteriological examination.

PUBLIC MORTUARY.

Cleaning of the Mortuary is carried out by a part-time attendant under the supervision of this Department. During the year under review 28 bodies were received into the Mortuary. In 20 cases, post mortems were performed.

PUBLIC HEALTH ACT, 1936 AND**HOUSING ACT, 1936.****Nuisances.**

Schedule of certain individual items found to be causing nuisance and in respect of which Notices were served :—

Defects causing nuisance.	Informal Notices.	Statutory Notices.	Nuisances Abated.
Accumulations	3	2	—
Brickwork	1	3	5
Ceiling Plaster	15	12	20
Cement Rendering	1	3	—
Chimneys/flues	7	5	15
Dampness	11	24	30
Doors	9	3	10
Drainage	822	—	822
Dryrot	—	1	2
Eavesgutters	18	7	22
Fireplaces	3	1	4
Floors, Timber	4	2	9
Inspection Chambers	13	9	17
Pointing and Walls	8	8	3
Roofs	40	35	48
Paving	2	—	—
Sinks	14	2	5
Skirting Boards	3	3	2
Staircases	4	2	3
Wallplaster	15	15	16
Wash houses	6	5	4
Washboiler	3	1	6
Water Supply	4	1	4
Windows	33	21	36
W.C. Structure	3	2	4
W.C. Pedestals	33	10	26
W.C. Flushing Apparatus	24	3	24
Totals	1099	180	1137

Infectious Diseases and Disinfestation.

Visits to infectious disease cases	5
Premises disinfected after infectious disease or on request for other reasons	7
Premises disinfested in connection with verminous conditions	56
Terminal disinfection following deaths from Tuberculosis	3
Destruction of bedding	18
Steam disinfection of bedding	1
Steam disinfestation of bedding	1

REFUSE COLLECTION, 1956.

The Engineer and Surveyor has supplied the following information :—

1956					Refuse.	Waste Paper.		
					Tons.	T. C. Q.	£	s. d.
January	..	..	..	..	718	9 11 0	76	8 0
February	..	..	..	..	627	15 4 3	121	13 0
March	..	..	..	..	700	14 7 0	114	16 0
April	..	..	..	..	618	14 6 0	107	5 0
May	..	..	..	..	727	15 0 0	112	10 0
June	..	..	..	..	653	15 10 0	116	5 0
July	..	..	..	..	652	16 13 0	124	17 6
August	..	..	..	..	634	12 9 0	93	7 6
September	..	..	..	..	600	11 6 2	84	18 9
October	..	..	..	..	740	19 6 0	151	15 0
November	..	..	..	..	707	11 19 0	89	12 6
December	..	..	..	..	599	12 9 2	102	1 3
Totals	..	..	..	..	7975	168 1 3	1295	9 6

MEAT AND FOODS.

There are two licensed slaughterhouses in the district, both of which are owned and operated by Pork butchers. One of the licensed slaughterhouses is leased by the Council, and butchers wishing to slaughter have entered into agreements with the Council.

Receipts from slaughtering on the Council leased premises came to £227.

Number of persons registered as slaughtermen, 15.

ANIMALS SLAUGHTERED FOR SALE FOR HUMAN CONSUMPTION.

Carcases and Offal inspected and found unfit in whole or in part.

	Cattle (excluding Cows).	Cows.	Calves.	Sheep and Lambs.	Pigs.	Horses.	Goats.
Number killed	—	—	95	1265	3068	—	2
Number inspected	—	—	95	1265	3068	—	2
All diseases except Tuberculosis and Cysticerci.							
Whole carcasses condemned	—	—	—	—	2	—	—
Carcasses of which some part or organ was con- demned	—	—	—	130	409	—	—
Percentage of the number inspected, affected with disease other than Tuberculosis and Cysticerci	—	—	—	10.3%	13.4%	—	—
Tuberculosis only.							
Whole carcasses condemned	—	—	—	—	3	—	—
Carcasses of which some part or organ was condemned	—	—	—	—	127	—	—
Percentage of the number inspected affected with Tuberculosis	—	—	—	—	4.2%	—	—
Cysticercosis.							
Carcasses of which some part or organ was con- demned	—	—	—	—	—	—	—
Carcasses submitted to Treatment by refriger- ation	—	—	—	—	—	—	—
Generalised and totally condemned	—	—	—	—	—	—	—

The weight of meat found unfit in connection with the above table was 1 ton, 14 cwt., 1 qr., 5 lbs., 12½ ozs.

Unfit Food.

The following items were inspected and found to be unfit for human consumption :—

<i>Tins.</i>	<i>Item.</i>					<i>Pints</i>	<i>lbs.</i>	<i>ozs.</i>
6	Blackcurrants	..	..	..	..	..	7	8
158	Tomatoes	..	..	..	..	..	179	12
24	Peas	..	..	..	..	..	24	10 $\frac{1}{2}$
5	Cherries	..	..	..	..	..	4	5
1	Dressed Crab	..	..	..	..	..	—	1 $\frac{3}{4}$
4	Peaches	..	..	..	..	..	10	9
1	Pork Sausages	..	..	..	..	..	1	0
10	Cases Oats	..	..	..	..	..	80	0
3	Oxtail Soup	..	..	..	..	..	3	14 $\frac{1}{2}$
8	Pears	..	..	..	..	..	8	9
1	Sheeps Tongues	..	..	..	..	..	—	12
1	Rock Lobster	..	..	..	..	..	—	6 $\frac{1}{2}$
1	Golden Syrup	..	..	..	..	..	2	0
26	Corned Beef	..	..	..	..	..	140	4
							2	10
2	Pork Lunch Tongue	..	..	..	..	..	12	0
	Ham	..	..	..	..	..	10	0
10	Ham	..	..	..	..	..	134	3
2	Beef Steak Pudding	..	..	..	..	..	2	0
4	Pork Luncheon Meat	..	..	..	..	..	5	8
7	Irish Stew	..	..	..	..	..	7	0
3	Condensed Milk—					5 $\frac{5}{8}$ pints		
4	Evaporated Milk—					5 $\frac{1}{2}$ pints		
2	Pork in Juice	..	..	..	..	..	1	8
38	Pineapple	..	..	..	..	..	39	0
2	Tuna Fish	..	..	..	..	..	—	14
1	Minced Beefloaf	..	..	..	..	..	—	12
38	Apricots	..	..	..	..	..	38	9
6	Beans	..	..	..	..	..	3	9
	Cheese	..	..	..	..	..	65	8
	Imported Lamb	..	..	..	..	..	138	4
1	Strawberries	..	..	..	..	..	1	3 $\frac{1}{2}$
1	Cream of Chicken	..	..	..	..	..	—	15 $\frac{1}{2}$
	New Zealand Mutton			..	..	..	130	0
	Pork Kidneys	..	..	..	..	..	20	0
	Ox Livers	..	..	..	..	..	28	0
	English Beef	..	..	..	..	..	134	0
	Veal	..	..	..	..	..	26	0
	English Pork	..	..	..	..	..	28	0

<i>Tins.</i>	<i>Item.</i>						<i>lbs.</i>	<i>ozs.</i>
	Bacon	..	..	..	..	..	26	0
	New Zealand Lamb	..	..	..	..	..	83	0
2	Jellied Veal	..	..	..	..	..	12	0
33	Oranges	..	..	..	..	..	36	3
2	Bags Gelatine	..	..	..	..	..	60	0
5	Gelatine	..	..	..	..	..	85	0
336	Bottles Gravy Browning—168 pints.							
16	Dried Vegetables	..	..	..	..	..	64	0
120	Spaghetti	..	..	..	..	..	120	0
29	Turnips	..	..	..	..	..	36	4
6	Cake Powder	..	..	..	..	..	102	0
228	Grapefruit	..	..	..	..	..	260	6
103	Celery	..	..	..	..	..	141	11
36	Custard Powder	..	..	..	..	..	10	2
24	New Potatoes	..	..	..	..	..	30	0
12	Treacle	..	..	..	..	..	24	0
5	Pilchards	..	..	..	..	..	2	8
1	Fruit Salad	..	..	..	..	..	—	15½
1	Whole Duck	..	..	..	..	..	3	6
1	Butter Cream	..	..	..	..	..	—	8
1	Rhubarb	..	..	..	..	..	1	3
1	Young berries	..	..	..	..	..	1	0
1	Spam	..	..	..	..	..	—	13
2	Cream	..	..	..	..	..	—	8
1	Vegetable Salad	..	..	..	..	..	—	8
1	Sardines	..	..	..	..	..	—	3¼
13	Blocks Chocolate	..	..	..	..	..	1	8
3	Salmon	..	..	..	..	..	1	7¼
2	Fruit Salad	..	..	..	..	..	1	15
Total							2,400	5¼
Blood from 23 Pigs							20 gallons	

The weight of unfit food condemned in connection with the above table was—1 ton, 1 cwt. 1 qr. 20 lbs. 5¼ ozs.

Disposal of Unfit Foods.

Tinned goods which are not suitable for disposal by burning are transported to the Town Hall Yard where a workman smashes the tins to render the contents unusable. The resultant articles are then conveyed to the Council's controlled tip where they are deposited at the base of the working face and the day's refuse deposited on top and consolidated to ensure there is no nuisance from fly breeding or smells and no opportunity given for rats to feed on this food.

Items of food such as parts of pig carcasses, loose ham, etc., which are suitable for destruction by burning, are, immediately after surrender to the Inspector, taken by a Council workman to the Council's Incinerator and forthwith destroyed by burning. The arrangements are such as to ensure that there is no possibility of any unfit food of this nature being diverted and finding its way to the public.

Fortunately there exists a very high degree of co-operation between the traders in the town and the staff of the Health Department which ensures adequate disposal of any unfit food.

FOOD AND DRUGS ACT, 1955.**(i) Number of Food Premises in the Area.**

				<i>No. of Premises.</i>	<i>No. of visits.</i>
Civic Restaurant	..	..	..	1	17
Restaurants	..	..	..	9	27
Bakehouses	..	..	..	5	29
Fried Fish Shops	..	..	..	16	39
Butchers ..	..	..	..	30	108
Food Preparers	..	..	..	8	39
Bacon Factories	..	..	..	2	104
Ice Cream Retailers	..	..	..	78	10
Grocers ..	..	..	..	123	47
Greengrocers	..	..	..	22	22
Wet Fish Shops	..	..	..	7	10
Slaughterhouses	..	..	..	2	301
Licensed Premises	..	..	..	76	3

(ii) Number of food premises registered under Section 16 of the Foods and Drugs Act, 1955 :—

				<i>No. of Premises.</i>	<i>No. of Visits.</i>
Ice Cream Retailers	..	..	..	78	10
Manufacturers of Preserved Foods	..			8	39

Comments : Ice Cream Retailers are visited on receipt of application, and the premises passed before being registered. Thereafter inspections are made during routine food premises inspections. There is only one retailer of loose ice cream in the district.

(iii) Food Hygiene Regulations, 1955.

The following informal notices were served under the Food Hygiene Regulations, 1955 :—

						<i>Notices served.</i>
Bakehouses	..	..	..	..	..	6
Butchers	..	..	..	..	..	16
Factory Canteens	..	..	..	..	..	3
Fried Fish Shops	..	..	..	..	..	17
Wet Fish Shops	..	..	..	..	..	3
Greengrocers	..	..	..	..	..	2

Grocers	..	..	..	..	..	..	4
Restaurants	..	..	..	..	..	..	7
Confectioners		..	..	..	..	..	1
Vehicles	..	..	..	..	..	..	1
Meat Carrying		..	..	..	..	..	3
Smoking (warnings)	..	..	..	..	..	..	4

Notices itemised into :

Unsanitary premises	..	..	..	..	..	28
Dirty or unsuitable equipment		..	..	..	..	123
Food not protected	..	..	..	..	..	34
Dirty Food containers		..	..	..	..	1
Use of dirty wrapping paper		..	..	..	..	13
Dirty sanitary conveniences	..	..	..	..	..	3
Wrongly positioned sanitary conveniences		..	..	..	..	3
Badly lighted and ventilated sanitary conveniences						3
Intervening lobby used as food store		..	..	..	..	1
Absence of " Clean Hands " notice	..	..	..	..	..	1
Absence of water supply	..	..	..	..	..	6
Absence of wash hand basin		..	..	..	..	33
Unsatisfactory or no hot water	..	..	..	..	..	35
Absence of First Aid Outfit		..	..	..	..	6
Absence of clothes storage facilities		..	..	..	..	4
Absence of washing up sink	..	..	..	..	..	3
Absence of hot water to sink	..	..	..	..	..	20
Absence of cleaning material	..	..	..	..	..	9
Absence of drying material	..	..	..	..	..	7
Inadequate lighting	..	..	..	..	..	2
Unsatisfactory ventilation	..	..	..	..	..	1
Dirty food room	..	..	..	..	..	80
Food room in need of repair	..	..	..	..	..	65
Not vermin proof	..	..	..	..	..	4
Accumulations	..	..	..	..	..	26
Food not maintained at correct temperature		..	..	..	..	2

Carrying of Meat.

Absence of suitable cover	..	..	..	..	..	2
Absence of duckboarding or absorbent floor		..	..	..	..	3
Dirty vehicles	..	..	..	..	..	5
Absence of offal receptacles		..	..	..	..	2
Dirty overalls, dirty head covering	..	..	..	..	..	2

MILK SUPPLY.

The whole of the milk supply in the district is heat treated, approximately 75% of the milk retailed being sterilised.

There are no plants for the heat treatment of milk in the district.

There are no producers of Milk in the district.

The following were registered for the sale of milk in this area under the Milk (Special Designation) (Pasteurised and Sterilised) Milk Regulations, 1949—1953 :

Supplementary Licences.

Sterilised	..	..	..	..	10
Pasteurised	..	..	..	..	10
Tuberculin Tested	..	..	..	..	8

Dealers Licences—

Sterilised	..	..	..	..	56
Pasteurised	..	..	..	..	14
Tuberculin Tested	..	..	..	..	7

SAMPLING.

Dr. Ramage, County Medical Officer of Health has kindly supplied the following information regarding samples taken under the Food and Drugs Act, 1955, and details of samples of milk taken to ascertain cleanliness and efficient pasteurisation.

List of Samples taken during the year 1956.

Milk.

Milk pasteurised	..	..	..	..	..	12
Milk sterilised	..	..	..	..	..	17
Milk T.T. pasteurised	..	..	..	..	..	16
Milk T.T. Channel Island	..	..	..	..	..	2
Milk T.T. pasteurised Channel Island	..	..	..	..	..	4
						51

All the samples were genuine.

General Foods.

Number of samples taken	..	..	..	..	30
Number of samples genuine	..	..	..	..	28
Number of samples adulterated	..	..	..	..	2

Classification of General Foods.

Pork Sausage containing preservative (five samples).
 Mixed Pickling Spice.
 Beef Sausage.
 Shredded Beef Suet.
 Tea (two samples).
 Carraway Seeds.
 Powdered Borax.
 Beef Steak with Gravy.
 Crystallised Jelly Pineapple Slices.
 Christmas Pudding.
 Ice Cream.
 Tomatoe Juice.
 Lung Oils.
 Brandy Snap.
 Corned Beef Loaf.
 Red Salmon Medium.
 Starch reduced breakfast flakes.
 Orange Squash.
 Pearl Barley.
 Plain Flour.
 Ground Almonds.
 Marzipan.
 Soft Fondant Icing.
 Ice Lollies.
 Pepper Flavoured Compound.

Particulars of Adulterated Samples.

- (1) Pork Sausage containing preservative—Formal—2.3% deficient of its proper proportion of meat—cautioned.
- (2) Starch Reduced Breakfast Flakes—Formal—Fat content less than the amount stated on the label—Taken up with the manufacturers who agreed to amend labels on the advice of the Chief Inspector.

RESULTS OF EXAMINATION OF MILK SAMPLES TAKEN BY STAFFORDSHIRE COUNTY COUNCIL
DURING 1956.

	No. of	Cleanliness.		Phosphatase Test.		Turbidity Test.		Methylene Blue Test.		Biological.	
		Satis- factory.	Unsatis- factory.	Pass.	Fail.	Pass.	Fail.	Pass.	Fail.	Pass.	Fail.
Tuberculin Tested ..	—	—	—	—	—	—	—	—	—	—	—
T.T. (Pasteurised)	12	—	—	12	—	—	—	12	—	—	—
Pasteurised ..	13	—	—	13	—	—	—	12	1	—	—
Sterilised ..	12	—	—	—	—	12	—	—	—	—	—
TOTALS ..	37	—	—	25	—	12	—	24	1	—	—

FACTORIES ACT, 1937 AND 1948 — (PART 1).

1. INSPECTIONS for purposes of provisions as to health (including inspections made by the Sanitary Inspectors).

Premises. (1)	M/c. line No. (2)	Number on Register. (3)	Number of			M/c. line No. (7)
			Inspec- tions. (4)	Written Notices. (5)	Occupiers Prosecuted (6)	
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	1	1	—	—	—	1
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	2	83	87	3	—	2
(iii) Other premises in which Section 7 is enforced by the Local Authority (ex- cluding out-workers' premises)	3	3	—	—	—	3
TOTALS	—	87	87	3	—	—

2. Cases in which defects were found.

Particulars.	M/c. line No.	Number of cases in which defects were found.				No. of cases in which prosecutions instituted.
		Found.	Remedied.	To H.M. Inspector.	Referred By H.M. Inspector.	
Want of Cleanliness (S.1)	4	—	—	—	—	—
Overcrowding (S.2)	5	—	—	—	—	—
Unreasonable temperature (S.3) ..	6	—	—	—	—	—
Inadequate ventilation (S.4) ..	7	—	—	—	—	—
Ineffective drainage of floors (S.6)	8	—	—	—	—	—
Sanitary Conveniences (S.7)						
(a) Insufficient	9	—	—	—	—	—
(b) Unsuitable or Defective ..	10	5	5	—	4	—
(c) Not separate for sexes ..	11	—	—	—	—	—
Other offences against the Act (not including offences relating to out- work)	12	—	—	—	—	—
TOTALS	60	5	5	—	4	—

PETROLEUM ACTS.

Number of licences issued to store Petrol or Petroleum Spirit	41
Number of Gallons of Petrol and Petroleum Spirit stored	52,325
Number of licences issued to store Carbide of Calcium ..	3
Amount of Carbide of Calcium stored	26 tons 8 cwts.
Number of licences issued to store Cellulose	3
Amount of Cellulose stored (Gallons)	9,500
Income from licences	£35 0s. 0d.

RODENT CONTROL.

Prevention of Damage by Pests Act, 1949.

The following treatments have been undertaken during the year :—

Business premises (Factories, Shops, etc.)	55
Private Dwelling Houses	44
Estimated Kill (Rats)	447
Estimated Kill (Mice)	745

PET ANIMALS ACT, 1951.

No licences were issued.

CINEMAS.

Annual inspections for licensing purposes were carried out at two local cinemas.

ATMOSPHERIC POLLUTION.

Until this year no measurement of pollution has been undertaken and it appeared that this omission should be rectified as soon as possible.

To this end in August a deposit gauge and lead peroxide ' candle ' were installed in the Area where it is assumed that locally based pollution would be highest, and arrangements made for monthly analysis.

As a further measure in the investigations of local atmospheric pollution, a daily smoke filter apparatus was set up in the Health Department, drawing air from the exterior at a height sufficient to prevent confusion in interpretation which could be caused by fumes from road vehicles.

To those who are not familiar with methods of this type of investigation I would point out that the value from the results lies in the period of years over which the investigation is continued.

The tables below indicated the results obtained during the part of the year following installation.

All the information obtained is regularly passed to the Department of Scientific and Industrial Research.

DEPOSIT GAUGE

Tons per square mile per month

	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30
AUGUST																
SEPTEMBER																
OCTOBER																
NOVEMBER																
DECEMBER																

LEAD PEROXIDE CYLINDER

Milligrams of Sulphur Trioxide per 100 sq. cms. per ~~day~~ month.

	0	1	2	3	4	5
AUGUST						
SEPTEMBER						
OCTOBER						
NOVEMBER						
DECEMBER						

The ' daily smoke filter ' apparatus was brought into operation on the 8th June, 1956. Later it is hoped to adapt this apparatus to enable daily readings of sulphur dioxide in the air to be made.

ATMOSPHERIC POLLUTION.

	Concentration of smoke.			Estimation of Sulphur Lead Peroxide. Mg. SO3/day per 100 sq. cms. PbO2	Deposited Matter.			
	Smoke Filter.				Ins. Rain.	Total Water Insoluable Matter Tons sq. mile	Total Water Soluble Matter. Tons sq. mile	Total Solids Tons sq. mile
	Average	Highest	Lowest					
Town Hall.					Sewage Works.			
July ..	0.098	0.485	0.037	—	—	—	—	—
August ..	0.143	0.475	0.037	1.66	4.26	8.93	6.04	14.97
September	0.148	0.653	0.024	2.54	2.44	15.14	3.45	18.59
October ..	0.288	0.813	0.081	2.94	1.42	10.20	7.42	17.62
November	0.362	0.939	0.090	3.20	0.87	8.62	6.28	14.90
December	0.268	0.744	0.136	4.18	2.92	16.11	13.16	29.27

